

NEET BIOLOGY

Topic: Environmental Issues (Pollution)

1 Match the following;-

Column I

- (1) Catalytic Converter
- (2) Electrostatic precipitator
- (3) Earmuffs
- (4) Landfills
- (a) 1-r, 2-s, 3-q, 4-p
- (b) 1-s, 2-r, 3-p, 4-q
- (c) 1-q, 2-p, 3-r, 4-s
- (d) 1-p, 2-q, 3-r, 4-s

Column II

- (p) Particulate matter
- (q) CO & NO₂
- (r) High noise level
- (s) Solid wastes

2 Realising the significance of participation by local communities, the Govt. of India in 1980s has introduced the concept of:-

- (a) Chipko movement
- (b) Amrita Devi Bishnoi wildlife protection award.
- (c) Joint Forest management (JFM)
- (d) Jhum cultivation

3 In which of the following movement of Garhwal Himalayas, local women showed enormous bravery in protecting trees in 1974?

- (a) Apiko movement
- (b) Chipko movement
- (c) Slash and burn agriculture
- (d) Jhum cultivaton

4 Which of the following contributes for deforestation?

- (a) Slash & burn agriculture
- (b) Chernobyl incidence
- (c) Eutrophication
- (d) Biomagnification

5 Which of the following international treaty was signed to control the emission of ozone depleting substances?

- (a) Montreal protocol
- (b) Kyoto protocol
- (c) Copenhagen treaty
- (d) JFM

- 6 Consider following statements:-
 (1) Almost 40% forests have been lost in the tropics, compared to only 1% in temperate region.
 (2) At the beginning of 20th century forest cover about 30% of land of India.
 (3) By the end of 20th century forest cover reduced to 25% in India.
 (4) National forest policy (1988) of India has recommended 33% forest cover for the plains & 67% for the hills.
 Choose correct combination:-
 (a) 1, 2 and 3 only (b) 2, 3 and 4 only
 (c) 1, 2 and 4 only (d) 3 and 4 only
- 7 'Good' ozone is found in
 (a) Troposphere (b) Stratosphere
 (c) Ionosphere (d) Lithosphere
- 8 UV rays are highly injurious to living organisms because:-
 (a) it damages DNA & proteins. (b) It causes skin aging & cancers
 (c) it synthesizes vit. D in skin. (d) Both (a) & (b).
- 9 The thickness of the ozone in a column of air is measured in terms of
 (a) Decibels (b) Dobson units (DU)
 (c) Daltons (d) Km.
10. During the past century, the temperature of Earth has increased by:-
 (a) 2^o C (b) 0.6^o C
 (c) 1^o C (d) 5^o C
- 11 Without greenhouse effect the average temperature at surface of Earth would have been
 (a) 15^o C (b) 20^o C
 (c) 0^o C (d) -18^o C
- 12 Match the relative contribution of various greenhouse gases to total global warming?
- | Column I | Column II |
|------------------------|------------------------|
| (1) CO ₂ | (p) 20% |
| (2) Methane | (q) 60% |
| (3) CFCs | (r) 6% |
| (4) N ₂ O | (s) 14% |
| (a) 1-q, 2-s, 3-p, 4-r | (b) 1-p, 2-q, 3-r, 4-s |
| (c) 1-p, 2-r, 3-s, 4-q | (d) 1-q, 2-p, 3-s, 4-r |
- 13 The natural aging of a lake by biological enrichment of its water is called:-
 (a) Biomagnification (b) Eutrophication
 (c) Biofortification (d) Algal bloom

- 14 Increase in concentration of the toxicant at successive trophic levels is called:-
(a) Biomagnification (b) 10% law
(c) Accelerated eutrophication (d) BOD
- 15 Which of the following is the world's most-problematic weed?
(a) Algal bloom (b) Water hyacinth
(c) Eichhornia crassipes (d) both (b) & (c)
- 16 Presence of large amounts of nutrients in water also causes excessive growth of planktonic (free-floating) algae is known as:-
(a) Biochemical O₂ demand (b) Algal bloom
(c) Water hyacinth (d) Eutrophication
- 17 All the buses of Delhi were converted to run on CNG by the end of;-
(a) 2000 (b) 2001
(c) 2002 (d) 2003
- 18 Which of the following is incorrect?
(a) Motor vehicles equipped with catalytic converter should use unleaded petrol.
(b) Catalytic converters have expensive metals namely platinum – palladium & rhodium
(c) CNG burns very efficiently like petrol or diesel.
(d) CNG cannot be adulterated and siphoned off.
- 19 In India, the air (prevention and control of pollution) Act came into force in
(a) 1980 (b) 1981
(c) 1982 (d) 1985
- 20 In which year air pollution act was amended to include noise as an air pollutant?
(a) 1985 (b) 1987
(c) 1989 (d) 1991
- 21 A cyclical, zero-waste procedure, where waste products from one process are cycled in as nutrients for other processes is
(a) Integrated organic farming (b) Fisheries
(c) Vermicomposting (d) Sanitary landfills
- 22 Which of the following farmer is related with integrated organic farming?
(a) Pandurang Hegde (b) Sunderlal Bahuguna
(c) Ramesh Chandra Dagar (d) Amrita Devi

ANSWER KEY

Que.	1	2	3	4	5	6	7	8	9	10
Ans.	C	C	B	A	A	C	B	D	B	B
Que.	11	12	13	14	15	16	17	18	19	20
Ans.	D	D	B	A	D	B	C	C	B	B
Que.	21	22								
Ans.	A	C								